

Index to Volume 18*

A

- Abbritti, G., 221-224
Acetaminophen, pharmacokinetics of after overdose, 111-117
Acetaminophen detoxification, use of hemodialysis for, 431-439
Acetylcholinesterase (AChE) activity, of after hashish smoking, 385-387
brain soluble, regional differences in after poisoning by isofluorophate in rats, 1443-1451
N-Acetylcysteine, adsorption of by activated charcoal, 283-290
Acheson, L. S., 517-519
Acid-base balance, fetal, effect of maternal smoking on, 165-168
Acidosis
 lactic, as a complication of papaverine overdose, 417-423
 metabolic, in severe lye poisoning, 225-230
Acrodermatitis enteropathica, clioquinol intoxication in the treatment of, 1427-1434
Activated charcoal hemoperfusion. See Hemoperfusion, activated charcoal
Addy, D. P., 169-173
Adsorbents, in hemoperfusion, evaluation of, 1199-1211
Adsorption
 in vitro, of aspirin by activated charcoal, effect of magnesium citrate on, 793-796
 of methionine and N-acetylcysteine by activated charcoal, 283-290
Affinity
 for EMIT methadone antibody, relationship between methadone structure and, 783-792
 for EMIT oxazepam antibody, relationship between and benzodiazepine structure, 643-655
 for RIA benzoylecgonine antibody, relationship between and cocaine structure, 773-782
Agnelli, G., 221-224
Akintonwa, A., 451-458
Albouz, S., 1405-1409
Algozzine, G., 793-796
Aliphatic hydrocarbons, C₅-C₇, neurotoxicity and metabolites

*This index contains the names of all contributors to Volume 18, 1981.

INDEX TO VOLUME 18

- [Aliphatic hydrocarbons]
of, used as glue solvents in
shoe manufacture, 1357-1367
- Aliphatic nitriles, inhalation toxicology of acute exposure to, 991-1003
- Allain, P., 1285-1289
- Allen, L. V., 1043-1065
- Allen, R. E., 1015-1020
- Alpha blockers, in daunomycin cardiotoxicity, 1435-1440
- Amand, G., 1257-1267
- Amantini, C., 1357-1367
- Amines, relationship between structure and reactivity of with RIA amphetamine antibody, 299-316
- Amin-zaki, L., 1311-1318
- Amitriptyline, fatal intoxication, clinical findings, elimination pharmacokinetics, and tissue drug concentrations following, 119-125
- Ammendola, A., 1369-1375
- Amphetamine antibody
EMIT, relationship between and molecular structure of various amphetamine-related substances, 91-110
- RIA, relationship between structure and reactivity of amines with, 299-316
- Amphetamine-related substances, relationship between molecular structure of and EMIT amphetamine antibody, 91-110
- Analgesics, narcotic
in vivo interaction between and nitrogen mustard, 451-458
placental transfer of, 911-914
- Angozzi, G., 1299-1309
- Aniline, O., 1015-1020
- Animals, review of *Lantana* toxicity in, 1077-1094
- Antibody
EMIT methadone, relationship between methadone structure and affinity for, 783-792
EMIT oxazepam, relationship of
- [Antibody]
benzodiazepine structure to affinity for, 643-655
- RIA benzoyllecgonine, relationship between cocaine structure and affinity with, 773-782
- Antidepressant, tricyclic (TCA)
incidence of late arrhythmias following overdose of, 543-548
- overdose of, cardiac arrhythmias and ECG abnormalities in, 155-163
- relationship between neurological and cardiac findings and between drug levels and toxicity following overdose of, 599-613
- toxicological properties of, related to xylazine, 663-678
- See also* Amitriptyline
- Antidotal effect, of sodium sulfate and sodium sulfate plus activated charcoal, 865-871
- Antidotal uses, of activated charcoal, 657-658
- Antidotes, oral, for acetaminophen poisoning: adsorption of methionine and N-acetylcysteine by activated charcoal, 283-290
- Antihistamines. *See* Chlorpheniramine, Pyrilamine
- Antineoplastic agents. *See* Nitrogen mustard
- Antipoison centers, role of in preventing epidemic intoxications, 1163-1167
- Apomorphine, stable parenteral solution of, 763-772
- Arditti, J., 1163-1167; 1485-1498
- Arrhythmias, late, incidence of following tricyclic antidepressant overdose, 543-548
- Arsenic, metabolism of in humans, related to duration of BAL therapy, 1065-1075
- Arsenite, intracellular interaction

- [Arsenite]
and metabolic fate of in rabbits, 1335-1342
- Aspirin, in vitro adsorption of by activated charcoal, effect of magnesium citrate on, 793-796
- Assennato, G., 1269-1276
- Atzpodien, W., 225-230
- B**
- Bacciconi, M., 1129-1131
- BAL therapy, duration of, relationship of to arsenic metabolism in humans, 1067-1075
- Barbital, effect of activated charcoal hemoperfusion on in dogs poisoned with, 1105-1115
- Barbiturates
differentiation and quantification of by ultraviolet spectrophotometry, 879-885
relationship between structure and RIA activity of, 317-352
See also Drugs, sedative-hypnotic
- Barbiturate preparations, veterinary, distribution of in human subjects, 965-968
- Barin, C., 1277-1283
- Barrufo, L., 1369-1375
- Baselt, R. C., 935-939
- Basset, P., 493-499
- Batrachotoxin (BTX), review of and other nonprotein neurotoxins, 813-863
- Baumann, N., 1405-1409
- Bellomo, R., 1269-1276
- Bennett, W. M., 615-618
- Benzodiazepine, relationship of structural differences to affinity for EMIT oxazepam antibody, 643-655
- Bergerat, J. P., 483-499
- Bernardini, C., 1435-1440
- Bernat, M., 1285-1289
- Bertolero, F., 1335-1342
- Beyers, J., III, 459-469
- Bhargava, H. N., 175-188
- Bierbach, H., 225-230
- Bilirubin content, of cow calves affected by lantana poisoning, 25-35
- Binding characteristics, of bismuth in human serum, 1291-1298
- Biological evaluation of hemoperfusion in acute poisoning, 1213-1223
- Biological fluids, detection and quantification of cannabinoids in, 565-571
- Biotoxicology, marine, defined, 1-24
- Bismuth, C., 1213-1223
- Bismuth
epidemiological study of encephalopathies following administration of, 1277-1283
in human serum, binding characteristics of, 1291-1298
- Bismuth metabolism, investigation of and its effect of endogenous compounds in rats, 1291-1298
- Bisso, G. M., 1443-1451
- Blandina, P., 1021-1026; 1157-1162
- Blood
determination of tin in by neutron activation analysis, 1343-1353
measurement of toluene in, in solvent abuse, 471-479
stored, stability of phencyclidine in, 929-934
- Boisaubin, E. V., 581-597
- Boisseau, V., 743-751
- Bono, F., 1343-1353
- Boudet, L., 565-571
- Boutry, J. M., 1405-1409
- Bower, D. J., 813-863
- Boyd, S. D., 489-491
- Bravaccio, F., 1369-1375
- Breath, measurement of toluene

INDEX TO VOLUME 18

- [Breath]
in, in solvent abuse, 471-479
- Bregman, D. J., 1027-1032
- Bricker, J. D., 261-266; 267-271
- 4-Bromo-2,5-dimethoxyamphetamine, fatality due to, 267-271
- Brown, J. K., 511-513
- Bruaux, P., 1257-1267
- Bruce, W., 797-801
- Brugnone, F., 1357-1367; 1377-1385
- Brunelli, G. F., 1129-1131
- BTX. See Batrachotoxin (BTX)
- Buchet, J. P., 1067-1075; 1257-1267
- Budd, R. D., 85-90; 91-110; 299-316; 317-352; 643-655; 773-782; 783-792; 1033-1041
- Buffoni, L., 1149-1156
- Burckart, G. J., 797-801
- Burns, hydrofluoric acid, effectiveness of calcium salts compared with magnesium salts in treatment of, 1027-1032
- C**
- Cade, J. R., 431-439
- Cadmium, organ and subcellular distribution of mercury in rats in the presence of, 1327-1334
- Calcium salts, effectiveness of compared to magnesium salts in treatment of hydrofluoric acid burns, 1027-1032
- Camerino, D., 1299-1309
- Candidal vulvovaginitis, comparison of clotrimazole with other compounds used for, 41-45
- Cannabinoids, detection and quantification of in biological fluids, 565-571
- Capuzzo, M., 1133-1143
- Carbamazepine, acute poisoning by, 935-939
- Carbon disulfide neuropathy experimentally induced, effect of gangliosides on, in the rat, 1475-1484
- morphological and ultrastructural study of degeneration and regeneration in, in the rat, 1463-1474
- Carboxyhemoglobin, effect of maternal smoking on levels of in the fetus, 165-168
- Carcinogenicity, of dichlorvos, in animals, 47-84
- Carcinogens, report on from the Department of Health and Human Resources, 875-877
- Cardiac arrhythmias, in tricyclic antidepressant overdose, 155-163
- Cardiotoxicity
daunomycin, noradrenaline and alpha blockers in, 1435-1440
relationship between and neurotoxicity following overdose of tricyclic antidepressants, 599-613
- Carlmagno, S., 1369-1375
- Cassitto, M. G., 1299-1309
- Castano, P., 1463-1474; 1475-1484
- Catecholamines, effect of charcoal hemoperfusion on levels of in severely intoxicated patients, 127-131
- Central nervous system (CNS) toxicity
of chickling pea, 1513-1517
of essential plant oils, 1485-1498
- Cerebrospinal fluid (CSF), trace elements in, in neurological diseases, 1237-1245
- Chandra, S. V., 407-416
- Charcoal, activated
adsorption of oral methionine and N-acetylcysteine by,

- [Charcoal, activated] 283-290
antidotal and other medical uses for, 657-658
effect of magnesium citrate on in vitro adsorption of aspirin by, 793-796
influence of sodium sulfate on antidotal effect of, 865-871
Charette, C., 713-729
Chase, H. P., 211-220
Chemical hazards, international program for control of, 761-762
Chemical structure, of marine plant and animal poisons, 1-24
Chemical test papers, use of for clinical laboratory, 619-633
Cherry, E. J., 959-963
Chickling pea, CNS toxicity of, 1513-1517
Child, two-month-old, nonaccidental poisoning in, 37-40
Children
asymptomatic, lead neurotoxicity in, living near an ore smelter, 1257-1267
clonidine poisoning in, 169-173
epidemiological studies of poisoning in, 1145-1148
10-year study of, 1149-1156
ingestion of lead arsenate by, 489-491
with cystic fibrosis, selenium toxicity in, 211-220
young, salicylate toxicity following therapeutic doses in, 247-259; 1125-1126
Chin, L., 865-871
Chloroquine, overdose fatality, 959-963
Chlorpheniramine, tissue concentrations, detection and quantification of following a fatality due to, 941-943
Chlorpromazine, neutropenia following acute ingestion of, 797-801
Chmielnicka, J., 1327-1334
Cholecystography, oral, with lopanoic acid, thrombocytopenia following, 221-224
Cholinesterase. See Pseudocholinesterase
Chromatography, thin-layer (TLC), mass screening and confirmation of phencyclidine in urine by and radioimmunoassay, 85-90
Cima, L., 1129-1131; 1133-1143
Claeys-Thoreau, F., 1257-1267
Clardy, D. O., 929-934; 945-957
Clark, M. N., 807-811
Clarkson, T. W., 1311-1318
Clinical course, correlation of and serum pseudocholinesterase in patients poisoned with organophosphate insecticides, 401-406
Clinical findings, following fatal amitriptyline intoxication, 119-125
Clinical laboratory, use of chemical test papers for, 619-633
Clinical manifestations, of cyanide poisoning, 367-383
Clinical toxicology
of clotrimazole, 41-45
in Uruguay, 635-641
Clioquinol intoxication, in the treatment of acroderatitis enteropathica and SMON, 1427-1434
Clonidine
comparison of with naloxone for opiate detoxication, 1021-1026
poisoning with, in children, 169-173
toxicological properties of, related to xylazine, 663-668
Clotrimazole, clinical toxicology of and comparison with other compounds used for candidal vulvovaginitis, 41-45
CNS. See Central nervous system
Cobb, C. F., 149-154
Cocaine
fatalities from overdoses of in

INDEX TO VOLUME 18

- [Cocaine]
Los Angeles County, 895-905
relationship between structure of and affinity with RIA benzoylconine antibody, 773-782
- Cohen, J. L., 501-510
- Cohn, D. F., 1513-1517
- Collom, W. D., 267-271
- Colombi, A., 1463-1474; 1475-1484
- Colorimetric test, for detection of PCC in illicit phencyclidine, 737-742
- Combs, H. F., 763-772
- Comstock, B. S., 581-597
- Comstock, E. G., 133-140; 231-239; 581-597; 635-641
- Confirmation, of phencyclidine in urine by radioimmunoassay and TLC, 85-90
- Consultation, noninteractive emergency, for acute intoxication, 133-140
- Cooney, D. O., book review, 657-658
- Copper, organ and subcellular distribution of mercury in rats in the presence of, 1327-1334
- Corby, D. G., 763-772
- Cost effectiveness, of drug screening in the laboratory, 459-469
- Cotton, E. K., 211-220
- Coutsellinis, A., 385-387; 1095-1097
- Cow calves, lantana poisoned, osmotic fragility of erythrocytes and bilirubin content of, 25-35
- Cravey, R. H., 887-893; 911-914
- Criteria, for selective screening for lead poisoning, 743-751
- CSF. See Cerebrospinal fluid (CSF)
- Curnow, R. T., 441-449
- Curoe, J., 471-479
- Curradi, F., 221-224
- Current literature, on medical toxicology, 231-239
- Curtes, J. P., 1453-1462
- Cyanide intoxication, physiopathological aspects of and treatment of with hydrocobalamin, 1519-1527
- Cyanide poisoning, pathophysiology, exposure sources, clinical manifestations, and treatment of, 367-383
- Cyclophosphamide. See Nitrogen mustard
- Cystic fibrosis, toxicity of selenium in children with, 211-220
- D
- 2,4-D, clinical features and management of poisoning with, 273-276
- Dabbagh, A. R., 1311-1318
- DAU. See Drug abuse urine (DAU) assay
- Daunomycin cardiotoxicity, noradrenaline and alpha blockers in, 1435-1440
- David, J. M., 1163-1167
- Davila, J., 353-366
- Dawar, R. K., 1077-1094
- De Bray, J. M., 1285-1289
- De Broe, M. E., 127-131
- Decedo, H., 635-641
- Decker, W. J., 763-772; 1099-1104
- De Garbino, J. P., 635-641
- De Groot, G., 1199-1211
- De La Garza, F., 471-479
- Del Tacca, M., 1435-1440
- De Paschale, G., 1475-1484
- Dershewitz, R. A., 969-972
- De Santis, L., 1149-1156
- Desideri, E., 1299-1309
- Detection
of cannabinoids in biological fluids, 565-571
of chlorpheniramine following fatal ingestion, 941-943

- Detergents, liquid, emergency induction of emesis using, 277-282
- Detoxification, acetaminophen, use of hemodialysis for, 431-439
- Develay, P., 1453-1462
- Devos, D. M., 659-662
- Dewar, A. J., 1411-1426
- Dextraze, P. G., 291-297
- Diabetes mellitus, associated with autonomic and peripheral neuropathy after Vacor rodenticide poisoning, 441-449
- Diamond, I., 291-297
- Dibenzapines. See Antidepressants, tricyclic
- Dichlorvos (2,2-dichlorovinyl dimethyl phosphate), review of studies on carcinogenicity of in animals, 47-84
- Dicuonzo, F., 1269-1276
- Differentiation, of barbiturates by ultraviolet spectrophotometry, 879-885
- Digitalis glucosides. See Digitoxin
- Digitoxin, acute poisoning with, therapeutic possibilities for, 679-692
- Digoxin, use of radioimmunoassay in forensic investigations of tissue distribution of, 887-893
- Dimethylsulfoxide (DMSO), nephrotoxicity of, 615-618
- Diphenylhydantoin (DP), teratogenic effects of, 1095-1097
- Diuresis, potassium chloride, effectiveness of for treatment of thallium: ingestion, 521-525
- DMSO. See Dimethylsulfoxide (DMSO)
- Do-Cao-Thang, 565-571
- Doering, P. L., 793-796
- Done, A. K., 1125-1126
- DP. See Diphenylhydantoin (DP)
- Drinking water, overfluoridation of, mass intoxication from, 531-541
- Drug abuse urine (DAU) assay, EMIT, specificity of, 1043-1065
- Drug concentrations, tissue, following fatal amitriptyline intoxication, 119-125
- Drug deaths, in St. Louis City and County, survey of, 1977-1979, 141-147
- Drug levels, relationship between and toxicity following overdose of tricyclic antidepressants, 599-613
- Drug mixtures. See Drugs, sedative-hypnotic
- Drugs neutral. See Drugs, sedative-hypnotic
sedative-hypnotic, testing for in the impaired driver, 945-957
- Drug screening, cost effectiveness of in the laboratory, 459-469
- Drug therapy, Mexican, 511-513
- Ducoffre, G., 1257-1267
- Dulik, D. M., 737-742
- E
- ECDIN. See Environmental Chemicals Data and Information Network
- ECG abnormalities, in tricyclic antidepressant overdose, 155-163
- Effectiveness of hemoperfusion, evaluation of, 1185-1198
- Electrical properties, of myelinated nerve fiber, effects of methyl-mercury on, 1319-1325
- Electroencephalograms (EEG), spontaneous and evoked, ethanol-induced, 549-563
- Emesis, emergency induction of using liquid detergents, 277-282

INDEX TO VOLUME 18

- Emetic agents. *See* Apomorphine; Ipecac; Liquid detergents
- Emile, J., 1285-1289
- EMIT. *See* Enzyme Multiplied Immunoassay Technique (EMIT)
- Encephalopathies, epidemiological studies of, following bismuth administration, 1277-1283
- Encephalopathy, bismuth, ostearticular complications in, 1285-1289
- Endogenous compounds, in rats, effect of bismuth metabolism on, 1291-1298
- Enterogastric cycle, of hydroquinidine, 659-662
- Envenomation, following bite of wandering garter snake, 573-579
- Environmental Chemicals Data and Information Network (ECDIN), development of toxicological files in, 1169-1181
- Enzyme immunoassay technique (EMIT)
- amphetamine antibody, relationship between and molecular structure of various amphetamine-related substances, 91-110
 - comparison of and HPLC for quantification of quinidine in serum, 291-297
- Epidemiological study
- in childhood poisoning, 1145-1148
 - in childhood poisoning 10-year study of, 1149-1156
 - of encephalopathies following bismuth administration, 1277-1283
 - Epidemiological survey, 10-year, of intoxications in Florence, Italy, 1157-1162
 - Erythrocytes, osmotic fragility of in cow calves affected by lantana poisoning, 25-35
- Escourrolle, R., 1405-1409
- Esponda, A. C., 635-641
- Essex, E., 1225-1233
- Ethanol
- effect of on production and secretion of testosterone by isolated perfused rat testis, 149-154
 - effect of on spontaneous and evoked EEG, 549-563
- Ethylene glycol, effect of activated charcoal hemoperfusion on dogs poisoned with, 1105-1115
- Exposure, acute, to aliphatic nitriles, inhalation toxicology of, 991-1003
- Exposure sources, of cyanide poisoning, 363-383
- Eye movements, smooth pursuit (SPEM), among storage battery workers, 1269-1276
- F**
- Fantozzi, R., 1157-1162
- Fasoli, R. A., 155-163
- Fatal hydantoin syndrome. *See* Diphenylhydantoin (DP)
- Fatal ingestion, of mercuric chloride, 261-266
- Fatalities
- from cocaine overdose in Los Angeles County, 895-905
 - paraquat, toxicological and pathological studies following, 915-928
- Fatality
- 4-bromo-2,5-dimethoxyamphetamine, 267-271
 - chloroquine overdose, 959-963
- Faulkner, T. P., 581-597
- Faure, J., 1519-1527
- Federici, A., 1269-1276
- Fera, L., 1387-1393
- Fernandez, G., 635-641
- Fetal drug levels. *See* Placental transfer
- Fetal exposure, to methylmercury, effects of, related to maternal

- [Fetal exposure]
hair mercury concentrations, 1311-1318
- Fetus, effect of maternal smoking on carboxyhemoglobin levels and acid-base balance of, 165-168
- Fitzpatrick, G., 945-947
- Fluoridation, of drinking water, excessive, mass intoxication from, 531-541
- Foa, V., 1335-1342; 1463-1474; 1475-1484
- Fochtmann, F. W., 261-266
- Foerster, E., 471-479
- Folate analogue, use of in treatment of toxic reactions to methyl alcohol, 241-243
- Foreman, J., 291-297
- Forensic investigations, of tissue distributions, use of digoxin radioimmunoassay in, 887-893
- Foulon, G., 1277-1283
- Fournier, P. E., 1213-1223
- Friedenberg, R., 619-633
- Frontali, N., 1357-1367
- Froom, J., 743-751
- Fungicides. See Methylmercury
- G**
- Gaddis, G. P., 693-711
- Gaffuri, E., 1377-1385
- Gallanosa, A. G., 441-449; 663-678
- Galletti, A., 1148-1156
- Galliot, M., 1213-1223
- Gangliosides, effect of on experimentally induced carbon disulfide neuropathy, in the rat, 1475-1484
- Gantner, G. E., 141-147
- Garriott, J. C., 471-479
- Gas-liquid chromatography alkali flame ionization detection (GLC-AFID), use of for analysis of plasma in cases of psychotropic drug overdose, 713-729
- Gas-liquid chromatography-mass spectrometers (GLC-MS), use of for analysis of plasma in cases of psychotropic drug overdose, 713-729
- Gastric lavage, efficacy of, 581-597
- Gavaler, J. S., 149-154
- Gibson, J., 619-633
- Gillespie, T., 865-871
- Gillet, B., 493-499
- Giron, G. P., 1129-1131; 1133-1143
- Giunta, F., 1129-1131; 1133-1143
- Giusti, P., 1129-1131; 1133-1143
- Glaucoma treatment, use of marijuana for, 245-246
- Glauser, F. L., 155-163
- GLC-AFID. See Gas-liquid chromatography alkali flame ionization detection (GLC-AFID)
- GLC-MS. See Gas-liquid chromatography mass spectrometers
- Glue neuropathy, H-reflex behavior in, 1369-1375
- Glue solvents, in shoe manufacture, neurotoxicity and metabolites of aliphatic hydrocarbons C₄-C₇ used as, 1357-1367
- Gomolin, I., 757-760
- Gonella, G., 1387-1393
- Govaerts-Lepicard, M., 1145-1148
- Graves, M. H., 945-957
- Green, H. M., 1099-1104
- Green, V. A., 489-491
- Grieseker, D. R., 277-282
- Griffiths, W. C., 291-297
- Gross-Selbeck, E., 1247-1256
- Gross-Selbeck, M., 1247-1256
- Guarcini, A. M., 1357-1367
- Guardia, L., 1343-1353
- Guerbois, H., 1277-1283
- Guerit, J. M., 1257-1267
- H**
- Hair mercury, maternal, effects of fetal exposure to methylmercury related to concen-

INDEX TO VOLUME 18

- [Hair mercury] trations of, 1311-1318
- Hallucinogenics. See 4-bromo-2,5-dimethoxyamphetamine
- Halstead, B. W., 1-24
- Hanakago, R., 1427-1434
- Hanenson, I. B., 401-406
- Hanocd, M., 391-400
- Hansteen, V., 679-692
- Harpin, M. L., 1405-1409
- Harris, J. C., 1027-1032
- Harrison, K. L., 165-168
- Hashish smoking, acetylcholinesterase activity after, 385-387
- Hassan, R. M., 401-406
- Hauw, J. J., 1405-1409
- Health and Human Resources, Department of, report on carcinogens from, 875-877
- Helliwell, M., 1225-1233
- Hematological studies, of osmotic fragility of erythrocytes and bilirubin content of cow calves affected by lantana poisoning, 25-35
- Hemodialysis, used for acetaminophen detoxification, 431-439
- Hemolytic anemia, associated with phenacetin abuse, 493-499
- Hemoperfusion activated charcoal, effect of on dogs poisoned with barbital or ethylene glycol, 1105-1115 adsorbents in, evaluation of, 1199-1211 biological evaluation of, in acute poisoning, 1213-1223 charcoal, effect of on catecholamine levels in severely intoxicated patients, 127-131 evaluation of effectiveness of, 1185-1198 in late paracetamol poisoning, 1225-1233
- n-Heptane, effect of on peripheral nerve fiber of the rat, compared to n-pentane and n-hexane, 1395-1402
- Herbicides. See 2,4-D, Mecoprop, Paraquat
- Heroin substitute, use of pentazocine/tripeleannamine combination as, 1117-1123
- n-Hexane central and peripheral neuropathy caused by, morphological changes in, 1387-1393 commercial, neurotoxic metabolites of, in urine of shoe factory workers, 1377-1385 effect of on peripheral nerve fiber of the rat, compared to n-pentane and n-heptane, 1395-1402 neuropathy. See Glue neuropathy peripheral neuropathy associated with chronic low exposure to, 515-519
- High performance liquid chromatography (HPLC) analysis of phenylethylamines by, 391-400 comparison of with EMIT for quantification of quinidine in serum, 291-297
- High performance thin-layer chromatography (HPTLC), analysis of phenylethylamines by, 391-400
- Hisanaga, N., 1395-1402
- Hoellinger, H., 565-571
- Holbrook, M. L., 247-259
- Home, hazards of ipecac in, 969-972
- Hospital records. See Statistical-epidemiological form
- Howden, M. E. H., 813-863
- HPLC. See High performance liquid chromatography (HPLC)
- HPTLC. See High performance thin-layer chromatography (HPTLC)
- H-reflex behavior, in glue neuropathy, 1369-1375
- Hubbell, F. A., 425-430

INDEX TO VOLUME 18

1539

- Hubert, J. P., 1453-1462
Hurst, H. E., 119-125
Hydrofluoric acid burns, effect of calcium salts compared with magnesium salts in treatment of, 1027-1032
Hydroquinidine, enterogastric cycle and intoxication with, 659-662
Hydroxocobalamin, treatment of cyanide intoxication with, 1519-1527
- I**
- Impaired driver, testing for sedative-hypnotic drugs in, 945-957
Inhalation toxicology, of acute exposure to aliphatic nitriles, 991-1003
Injection, intravenous, of crude tract of marijuana, toxicity of, 353-366
Insecticides, organophosphate chlorinated, and carbamate, use of RPTLC for separation of, 731-735
correlation of serum pseudo-cholinesterase and clinical course in patients poisoned with, 401-406
See also Dichlorvos
International program, for control of chemical hazards, 761-762
Intoxication
acute
noninteractive emergency consultation for, 133-140
statistical-epidemiological form for, 1129-1131
epidemic, role of antipoison centers in preventing, 1163-1167
in Florence, Italy, 10-year epidemiological study of, 1157-1162
occupational, of phencyclidine in law enforcement personnel, 1015-1020
- Intracellular interaction, of arsenite in rabbits, 1335-1342
Intravenous administration, of propoxyphene napsylate, effect of, 1099-1104
Iodine, tissue, ion electrode procedure for determining following iodine poisoning, 807-811
Iodine poisoning, ion electrode procedure for determination of iodine in tissues following, 807-811
Ion electrode procedure, for determination of iodine in tissues following iodine poisoning, 807-811
Ipecac, hazards of in the home, 969-972
Isoflurophate, regional differences in brain soluble AChE after poisoning by in rats, 1443-1451
- J**
- Jacobsen, D., 679-692
Jarboe, C. H., 119-125
Joanny, P., 1485-1498
Johnson, G. R., 907-909
Johnston, C., 189-209
Jouglard, J., 1163-1167; 1485-1498
Juarez, L., 471-479
- K**
- Kahn, R. S., 527-530
Kawiorski, S., 1291-1298
Kimbrough, R. D., 481-487
Kitoh, J., 1395-1402
Kjellin, K. G., 1237-1245
Klein-Schwartz, W., 283-290
Knudsen, K., 679-692
Komsta-Szumska, E., 1327-1334
Kishy, K. M., 521-525
Koup, J. R., 111-117
Kuo, M. C., 945-957

INDEX TO VOLUME 18

L

- Laboratory, cost effective drug screening in, 459-469
 La Fisca, S., 1129-1131
 Lafontaine, A., 1257-1267
 Lang, J. M., 493-499
 Lantana, review of toxicity of in animals, 1077-1094
 Lantana poisoning, osmotic fragility of erythrocytes and plasma bilirubin content of cow calves affected by, 25-35
 La Pierre, G., 793-796
 Lathyrism. See Chickling pea
 Lauwers, R., 1067-1075; 1257-1267
 Law enforcement personnel, occupational intoxication and persistence of phencyclidine in, 1015-1020
 Lawson, A. A. H., 1005-1014
 Lead, changes in operant behavior of rats exposed to, at the no-effect level, 1247-1256
 Lead arsenate, ingestion of by children, 489-491
 Lead neurotoxicity. See Neurotoxicity, lead
 Lead poisoning, criteria for selective screening for, 743-751
 Lead workers. See Storage battery workers
 Ledda, F., 1157-1162
 Lee, C. S., 431-439
 Lesne, M., 659-662
 Leung, W. J., 85-90
 Levy, G., 111-117
 Lipidosis, induced by perhexiline maleate, ultrastructural and biochemical changes in human peripheral nerve and tissue culture in, 1405-1409
 Lopanoic acid, acute thrombocytopenia following oral cholecystography with, 221-224

- Lovejoy, F. H., Jr., 521-525
 Luciani, G., 1021-1026
 Lukash, L., 731-735
 Lye poisoning, severe, metabolic acidosis in, 225-230

M

- MacDonald, B. J., 945-957
 Maes, R. A., 1199-1211
 Magnesium citrate, effect of on the *in vitro* adsorption of aspirin by activated charcoal, 793-796
 Magnesium salts, effectiveness of compared to calcium salts in treatment of hydrofluoric acid burns, 1027-1032
 Mahieu, P., 1067-1075
 Majeed, M. A., 1311-1318
 Makkar, H. P. S., 25-35; 1077-1094
 Manganese, exposure of to welders, 407-416
 Mannaioni, P. F., 1021-1026; 1157-1162
 Manning, T. J., 731-735
 Manoguerra, A. S., 527-530; 803-805
 Manzo, L., 1343-1353
 Marfante, E., 1335-1342
 Marbury, T. C., 431-439
 Margio, M., 1129-1131; 1133-1143
 Marijuana and myocardial infarction, 389-390
 crude extract of, toxicity of intravenous injection of, 353-366
 use of for treatment of glaucoma, 245-246
 Marka, C., 1519-1527
 Maroni, M., 1463-1474; 1475-1484
 Marsh, D. O., 1311-1318
 Martin-Bouyer, G., 1277-1283
 Masini, E., 1021-1026; 1157-1162

- Mass screening, of phenacylidine in urine by radioimmunoassay and TLC, 85-90
Mathew, P. M., 169-173
Matthews, P. A., 813-863
McCabe, C., 873-874
McCarron, M. M., 693-711
McCulloch, D. K., 1005-1014
McFarland, J., 973-977
McFarland, M. F., III, 973-977
McGilveray, L. J., 713-729
McLean, M. C., 713-729
Mechanism of action, of marine plant and animal poisons, 1-24
Mechanism of toxicity, of pentazocine and pyribenzamine in morphine-dependent subjects, 175-188
Mechlorethamine. *See* Nitrogen mustard
Mecoprop, clinical features and management of poisoning with, 273-276
Medical toxicology, current literature on, 231-239
Mendiola, I., 471-479
Meneguz, A., 1443-1451
Meprobamate, pharmacokinetics of, 757-760
Mercuric chloride, fatal ingestion of, 261-266
Mercury
effect of on psychological behavior of workers at an extraction plant, 1299-1309
organ and subcellular distribution of in rats in the presence of cadmium, zinc, copper, and sodium selenite, 1327-1334
Metabolic fate, of arsenite in rabbits, 1335-1342
Metabolism, brain energy, effect of oxygen on in mice, at increased pressure, 1499-1511
Metabolites, of aliphatic hydrocarbons C₄-C₇ used as glue solvents in shoe manufacture, 1357-1367
Methadone, relationship between structure of and affinity for EMIT methadone antibody, 783-792
Methionine, adsorption of by activated charcoal, 283-290
Methyl alcohol, use of folate analogue in treatment of toxic reactions to, 241-243
Methylmercury
effects of fetal exposure to, related to maternal hair mercury concentrations, 1311-1318
effects of on electrical properties of myelinated nerve fiber, 1317-1325
Meulders, M., 1257-1267
Michalek, H., 1443-1451
Michalodimitrakis, M., 385-387; 389-390; 1095-1097
Midha, K. K., 713-729
Millet, Y., 1485-1498
Mirahmadi, K., 425-430
Misciagna, G., 1269-1276
Misonidazole, assessment of neurotoxicity of in the rat, 1411-1426
Mitolo-Chieppa, D., 1319-1325
Moerman, E. J., 127-131
Moffett, B. J., 1411-1426
Molecular structure, of amphetamine-related substances, relationship between and EMIT amphetamine antibody, 91-110
Molle, L., 391-400
Montgomery, S., 501-510
Morer, T., 1285-1289
Moroni, F., 1157-1162
Morphine. *See* Analgesics, narcotic
Morphine-dependent subjects, mechanism of toxicity and rationale for use of combination of pentazocine and pyribenzamine in, 175-188
Morphological changes, in central and peripheral neuropathy caused by n-hexane, 1387-1393

- Morphological study of degeneration and regeneration in carbon disulfide neuropathy in rats, 1463-1474
 Morris, D. L., 663-678
 Muhalwas, K., 425-430
 Mussini, J.-M., 1405-1409
 Muther, R. S., 615-618
 Myers, G. J., 1311-1318
 Myocardial infarction, and marijuana, 389-390

N

- Nakamura, G. R., 895-905
 Naloxone, comparison of with clonidine for opiate detoxication, 1021-1026
 National Toxicology Program, 753-756
 Negi, S. S., 25-35; 1077-1094
 Nephrotoxicity, of dimethylsulfoxide, 615-618
 Nerve, peripheral, human, ultrastructural and biochemical changes in, in lipidosis induced by perhexiline maleate, 1405-1409
 Nerve fiber
 myelinated, effect of methylmercury on electric properties of, 1319-1325
 peripheral, rat, effect of n-hexane on, compared to n-pentane and n-heptane, 1395-1402
 Neurological disease, trace elements in cerebrospinal fluid in, 1237-1245
 Neuromuscular blockade, prolonged, following administration of physostigmine and succinylcholine, 803-805
 Neuropathy
 autonomic and peripheral, diabetes mellitus associated with after Vacor rodenticide poisoning, 441-449

- [Neuropathy]
 central and peripheral, caused by n-hexane, morphological changes in, 1387-1393
 experimentally induced carbon disulfide, effect of gangliosides on, in the rat, 1475-1484
 peripheral
 associated with chronic low level exposure to n-hexane, 515-519
 late, due to intoxication by organophosphorus compounds, 1453-1462
 See also Neurotoxic metabolites
 Neurotoxicity
 lead, in asymptomatic children living near an ore smelter, 1257-1267
 of aliphatic hydrocarbons used as glue solvents in shoe manufacture, 1357-1367
 of misonidazole in the rat, 1411-1426
 relationship between and cardiac toxicity following overdose of tricyclic antidepressants, 599-613
 Neurotoxic metabolites, of commercial hexane in urine of shoe factory workers, 1377-1385
 Neurotoxicology, international congress on, 1237-1353; 1357-1527
 Neurotoxins, nonprotein, review of, including tetrodotoxin, saxitoxin and batrachotoxin, 813-863
 Neutron activation analysis, determination of tin in blood and urine by, 1343-1353
 Neutropenia, following acute chlorpromazine ingestion, 797-801
 Nguyen-Hoang-Nam, 565-571
 Nicotra, M. B., 599-613

- Niederman, L. G., 969-972
Nitrogen mustard, in vivo interaction between and narcotic analgesics, 451-458
Noall, M. W., 599-613
Node of Ranvier. See Nerve fiber, myelinated
No-effect level, of lead, changes in operant behavior of rats exposed to, 1247-1256
Noguchi, T. T., 895-905
Noradrenaline, in daunomycin cardiotoxicity, 1435-1440

O

- Oberling, F., 493-499
Oderda, G. M., 283-290
Oil of hyssop. See Plant oils, essential
Oil of sage. See Plant oils, essential
Okonek, S., 225-230; 1185-1198
Olson, D. A., 581-597
Ono, Y., 1395-1402
Operant behavior, of rats exposed to no-effect level of lead, changes in, 1247-1256
Opiate detoxication, comparison between clonidine and naloxone for, 1021-1026
Ore smelter, lead neurotoxicity in asymptomatic children living near, 1257-1267
Organ distribution, of mercury in rats, in the presence of cadmium, zinc, copper, and sodium selenite, 1327-1334
Organophosphorus compounds late neuropathy due to intoxication by, 1453-1462
See also Isofluorophate
Osteoarticular complications, in bismuth encephalopathy, 1285-1289
Overdose

papaverine, lactic acidosis as a complication of, 417-423

- [Overdose]
 pharmacokinetics of acetaminophen after, 111-117
Oxygen, effect of on brain energy metabolism in mice, at increased pressure, 1499-1511
- P
- Pahl, M. V., 353-366
Pal, R. N., 25-35
Papaverine, lactic acidosis as a complication of overdose of, 417-423
Paracetamol, hemoperfusion in late poisoning by, 1225-1233
Paraquat, toxicologic and pathological studies following fatalities due to, 915-928
Parchas, S., 1095-1097
Parenteral solution, of apomorphine, 763-772
Pathological studies, following fatalities due to paraquat poisoning, 915-928
Pathophysiology, of cyanide poisoning, 367-383
Patients, severely intoxicated, effect of charcoal hemoperfusion on catecholamine levels in, 127-131
PCC. See 1-Piperidinocyclohexanecarbonitrile (PCC)
PCP. See Phencyclidine (PCP)
Penning, W., 1169-1181
1,1,2,3,3,-Pentafluoro-3-chloropropene, in an unmarked gas tank, 481-487
n-Pentane, effect of on peripheral nerve fiber of the rat, compared to n-hexane and n-heptane, 1395-1402
Pentazocine and pyribenzamine, mechanism of toxicity and rationale for use of combination of in morphine-dependent subjects, 175-188
Pentazocine/tripeleannamine, use of

INDEX TO VOLUME 18

- [Pentazocine/tripelennamine]
as a heroin substitute, 1117-1123
- Pentel, P., 543-548
- Penthidine. See Analgesics, narcotic
- Perbellini, L., 1357-1367; 1377-1385
- Perhexiline maleate, ultrastructural and biochemical changes in human peripheral nerve and tissue culture in lipidosis induced by, 1405-1409
- Peritoneal dialysis, effectiveness of for treatment of thallium ingestion, 521-525
- Persistence, of phencyclidine in law enforcement personnel, 1015-1020
- Pesce, A. J., 401-406
- Pesticides. See Lead arsenate
- Pesticide pastes, yellow phosphorus poisoning from, 693-711
- Peterson, R. G., 211-220; 247-259
- Petito, C. K., 515-519
- Pharmacokinetics
elimination, following fatal amitriptyline intoxication, 119-125
of acetaminophen after overdose, 111-117
of meprobamate, 757-760
- Phenacetin abuse, hemolytic anemia and sulfhemoglobinemia associated with, 493-499
- Phencyclidine (PCP)
effect of structure changes on reactivity of, 1033-1041
illicit, color test for detection of PCC in, 737-742
mass screening and confirmation of in urine by radioimmunoassay and TLC, 85-90
occupational intoxication and persistence of in law enforcement personnel, 1015-1020
stability of in stored blood, 929-934
- Phenotiazines, toxicological properties of, related to xylazine, 663-678
- Phenylethylamines, analysis of by HPTLC and HPLC, 391-400
- Phosphorus, yellow, poisoning with from pesticide pastes, 693-711
- Physiopathological aspects, of cyanide intoxication, 1519-1527
- Physostigmine, prolonged neuromuscular blockade after administration of and succinylcholine, 803-805
- Phytotoxicology, marine, defined, 1-24
- Picchi, O., 1463-1474
- Picchioni, A. L., 865-871
- Pichon, J., 565-571
- Pietra, R., 1343-1353
- 1-Piperidonocyclohexanecarbonitrile (PCC), color test for detection of in illicit phenylcyclidine, 737-742
- Pitts, F. N., 1015-1020
- Pizzirani, E., 1133-1143
- Placental barrier. See Placental transfer
- Placental transfer, of narcotic analgesics, 911-914
- Plant oils, essential, CNS toxicity of, 1485-1498
- Plasma analysis, use of GLC-MS and GLC-AFID for, in cases of psychotropic drug overdose, 713-729
- PN. See Propoxyphene napsylate
- Pneumonia, fatal chemical, from 1,1,2,3,3-pentafluoro-3-chloropropene in an unmarked gas tank, 481-487
- Podophyllum, accidental ingestion

- [*Podophyllum*] of, 973-977
- Poggi, P., 1387-1393
- Poisoning acute, biological evaluation of hemoperfusion in, 1213-1223 clonidine, in children, 169-173 nonaccidental, in two-month-child, 37-40
- Poisons, marine plant and animal, chemical structure, toxicity and mechanism of action of, 1-24
- Polato, D., 1133-1143
- Polkliš, A., 141-147
- Pollet, S., 1405-1409
- Pool, J. L., 599-613
- Potentiation, of nitrogen mustard toxicity and narcotic analgesics, 451-458
- Powers, D., 425-430
- Pozio, G., 1269-1276
- Pregnancy human, effects of maternal smoking on the outcome of, 189-209
- See also Fetus
- Pressure, increased, effect of oxygen on brain energy metabolism in mice, at, 1499-1511
- Prevention, of epidemic intoxications role of antipoison centers in, 1163-1167
- Propoxyphene napsylate (PN), effect of intravenous administration of, 1099-1104
- Pseudocholinesterase, serum, correlation of and clinical course in patients poisoned with organophosphate insecticides, 401-406
- Psychological behavior, of workers at an extraction plant, effect of mercury on, 1299-1309
- Psychotropic drugs, overdose of, use of GLC-AFID and GLC-
- [*Psychotropic drugs*] MS for analysis of plasma in cases of, 713-729
- Puca, F. M., 1269-1276
- Pyrilamine, tissue concentrations and methods for quantification following fatality due to, 907-909
- Q
- Quantification of barbiturates by ultraviolet spectrophotometry, 879-885 of cannabinoids in biological fluids, 565-571 of chlorpheniramine following fatal ingestion, 941-943 of pyrilamine following dose, 907-909 of quinidine in serum, comparison of EMIT and HPLC for, 291-297
- Quinidine, comparison of EMIT and HPLC for quantification of in serum, 291-297
- R
- Rade, J., 1335-1342
- Radioimmunoassay (RIA) activity of barbiturates, relationship between structure and, 317-352
- digoxin, use of in forensic investigations of tissue distribution, 887-893
- mass screening and confirmation of phencyclidine in urine by and TLC, 85-90
- relationship between structure and reactivity of amines with amphetamine antibody of, 299-316
- Radiosensitizing drug. See Mis-onidazole
- Ragle, J. L., 929-934
- Rall, D. P., 753-756
- Rationale for use, of combination

INDEX TO VOLUME 18

- [Rationale for use]
of pentazocine and pyribenzamine in morphine-dependent subjects, 175-188
- Rat testis, isolated perfused, effect of ethanol on production and secretion of testosterone by, 149-154
- Reactivity, phencyclidine, effect of structure changes on, 1033-1041
- Reboa, E., 1149-1156
- Reed, D., 911-914; 941-943
- Reikvam, A., 679-692
- Reinhold, J. H., 813-863
- Renal failure, acute, tricrynahen-induced, 425-430
- Reuber, M. D., 47-84
- Reverse-phase thin-layer chromatography (RPTLC), use of for separating organophosphate, chlorinated, and carbamate insecticides, 731-735
- Reynaert, M., 659-662
- RIA. See Radioimmunoassay (RIA)
- Richelmi, P., 1343-1353
- Riley, J., 41-45
- Rivera, M., 599-613
- Roberts, D., 489-491
- Robinson, A. G., 165-168
- Rockoff, S., 935-939
- Rodenticide
Vacor, diabetes mellitus associated with autonomic and peripheral neuropathy after poisoning by, 441-449
- See also Pesticide pastes;
Thallium
- Roels, H. A., 1067-1075; 1257-1267
- Rooney, P. A., 915-928
- Rose, G. P., 1411-1426
- Rota, E., 1463-1474; 1475-1484
- RPTLC. See Reverse-phase thin-layer chromatography (RPTLC)
- Ruff, R. L., 515-519
- Rumack, B. H., 211-220; 247-259; 1027-1032
- Russell, L. A., 915-928
- S**
- Sabbioni, E., 1335-1342; 1343-1353
- St. Louis, City and County, survey of drug deaths in, 1977-1979, 141-147
- Salicylate toxicity, following therapeutic doses in young children, 247-259; 1125-1126
- Saltari, M. C., 1357-1367
- Salvage cylinders, potential hazards of, 481-487
- Samuels, B., 41-45
- Sangster, G., 1005-1014
- Saxitoxin (STX), review of and other nonprotein neurotoxins, 813-863
- Scelsi, R., 1387-1393
- Schafer, G., 1499-1511
- Schermann, J. M., 565-571
- Screening, selective, criteria for, lead poisoning, 743-751
- Sedgwick, P., 887-893
- Seiff, K., 353-366
- Selenium, toxicity of in children with cystic fibrosis, 211-220
- Self-poisoning, survey of in W. Fife, Scotland, 1970-1979, 1005-1014
- Separation, of organophosphate, chlorinated, and carbamate insecticides using RPTLC, 731-735
- Serum, comparison of EMIT and HPLC for quantitation of quinidine in, 291-297
- Sharma, O. P., 25-35; 1077-1094
- Shaw, R. F., 965-968
- Sheng, P., 401-406
- Sherman, A., 743-751
- Shipe, J. R., 663-678
- Shukla, G. S., 407-416
- Simon, F. A., 37-40

- Singh, J. M., 41-45
Sioris, L., 543-548
Skuterud, B., 679-692
Slattery, J. T., 111-117
Smoking, maternal
effect on carboxyhemoglobin levels and acid-base balance of fetus, 165-168
effects on the outcome of human pregnancies, status report, 189-209
SMON. *See* Subacute myel-opticoneuropathy (SMON)
Snake bite, by wandering garter snake, envenomation following, 573-579
Snidow, J., 797-801
Snodgrass, W., 211-220; 247-259
Sobriety, (editorial), 873-874
Sodium selenite, organ and subcellular distribution of mercury in rats in the presence of, 1327-1334
Sodium sulfate, influence of on antidotal effect of activated charcoal and effect of as a cathartic, 865-871
Sohn, D., 459-469
Soine, W. H., 737-742
Sokol, R., 211-220
Soldani, G., 1435-1440
Solvent abuse, measurement of toluene in blood and breath in cases of, 471-479
Solvents. *See* n-Heptane; n-Hexane; n-Pentane; Toluene
Spagnolo, A., 1357-1367
Specchio, L. M., 1269-1276
Specificity, of the EMIT drug abuse urine assay, 1043-1065
Spectrophotometry, ultraviolet (UV), differentiation and quantitation of barbiturates by, 879-885
SPEM. *See* Eye movements, smooth pursuit
Spiehler, V. R., 887-893
Spyker, D. A., 441-449; 663-678
Srivastava, R. S., 407-416
Stability, of phencyclidine in stored blood, 929-934
Statistical-epidemiological form application of, 1133-1143
for acute intoxication cases, 1129-1131
Status report, on the effects of maternal smoking on the outcome of human pregnancies, 189-209
Steiner, R. W., 803-805
Steinmetz, M. D., 1485-1498
Sterling, M., 353-366
Stiles, M. L., 1043-1065
Stokes, J., 417-423
Stone, B. E., 915-928
Storage battery workers, smooth pursuit eye movements among, 1269-1276
Strantz, I. H., 501-510
Stratford, I. J., 1411-1426
Street drug identification program, Los Angeles County/DHS, 501-510
Streifler, M., 1513-1517
Structure
cocaine, relationship between and affinity for RIA benzoylegonine antibody, 773-782
methadone, relationship between affinity for EMIT methadone antibody, 783-792
of benzodiazepine, relationship between and affinity for RIA oxazepam antibody, 643-655
phencyclidine, effect of changes in on reactivity of phencyclidine, 1033-1041
relationship between and reactivity of amines with RIA amphetamine antibody, 299-316
relationship between and RIA

INDEX TO VOLUME 18

- [Structure]
activity of barbiturates, 317-352
- STX.** See *Saxitoxin (STX)*
- Subacute myelo-opticoneuropathy (SMON),** cliquinal intoxication in the treatment of, 1427-1434
- Subcellular distribution,** of mercury in rats in the presence of cadmium, zinc, copper, and sodium selenite, 1327-1334
- Succinylcholine,** prolonged neuromuscular blockade following administration of and physostigmine, 803-805
- Sugiura, Y.,** 1395-1402
- Sulfhemoglobinemia,** associated with phenacetin abuse, 493-499
- Sullivan, J. B., Jr.,** 211-220
- Sultan, T. R.,** 367-383
- Szymanska, J. A.,** 1291-1298
- T**
- Takeuchi, Y.,** 1395-1402
- Tarateta, A.,** 1149-1156
- Ten Eyck, R. P.,** 367-383
- Teratogenic effects,** of diphenylhydantoin (DP), 1095-1097
- Testing,** for sedative-hypnotic drugs in the impaired driver, 945-955
- Testosterone,** effect of ethanol on production and secretion of by isolated perfused rat testis, 149-154
- Tetrodotoxins (TTX),** review of and other nonprotein neurotoxins, 813-863
- Thallium,** ingestion of, effectiveness of peritoneal dialysis and potassium chloride diuresis for treatment of, 521-525
- Thallium poisoning,** management of, 979-990
- Therapeutic agents.** See *Acetaminophen; Amitriptyline; Amphetamine; Analgesics, narcotic; Antidepressants, tricyclic; Apomorphine; Aspirin; Barbiturates; Carbamazepine; Chloroquine; Chlorpheniramine; Chlorpromazine; Clioquinol; Clonidine; Clotrimazole; Daunomycin; Digitoxin; Digoxin; Dimethylsulfoxide; Diphenylhydantoin; Hydroquinidine; Ipecac; Misonidazole; Naloxone; Perhexiline; Phenylethylamine; Pyrilamine; Salicylate toxicity; Ticrynafen*
- Therapeutic doses,** salicylate toxicity following, in young children, 247-259; 1125-1126
- Therapeutic possibilities,** for acute digitoxin poisoning, 679-692
- Thiazolidine carboxylic acid,** acute poisoning with, 527-530
- Thomas, R.,** 353-366
- Thompson, D. F.,** 979-990
- Thorazine.** See *Chlorpromazine*
- Thrombocytopenia,** acute, following oral cholecystography with lopanoic acid, 221-224
- Thun, M.,** 481-487
- Ticrynafen,** acute renal failure induced by, 425-430
- Tikriti, S.,** 1311-1318
- Tin,** determination of in the blood and urine by neutron activation analysis, 1343-1353
- Tissue concentrations** of chlorpheniramine following fatal ingestion, 941-943
of pyrilamine following fatal dose, 907-909
- Tissue culture,** ultrastructural and biochemical changes in, in lipidosis induced by per-

- [Tissue culture]
hexiline maleate, 1405-1409
- Tissue distributions, use of digoxin radioimmunoassay in forensic investigations of, 887-893
- TLC. See Chromatography, thin-layer (TLC)
- Tognetti, P., 1485-1498
- Toluene, measurement of in blood and breath in cases of solvent abuse, 471-479
- Town, W., 1169-1181
- Toxicity
of Lantana in animals, review of, 1077-1094
of marine plant and animal poisons, 1-24
- Toxicological files, development of in ECDIN, 1169-1181
- Toxicological studies, following fatalities due to paraquat poisoning, 915-928
- Toxicology, in Uruguay, 635-641
- Toxicology Program, National, 753-756
- Trace elements, in cerebro-spinal fluid in neurological diseases, 1237-1245
- Tranquilizers, animal. See Phenacyclidine (PCP); Xylazine
- Treadwell, T. R., 417-423
- Treatment, of cyanide poisoning, 367-383
- Treuting, J. J., 37-40
- Trotter, A. T., 693-711
- Troutman, W. G., 277-282
- "T's and Blues". See Pentazocine and pyribenzamine
- "T's and B's". See Pentazocine/tripeleannamine
- TTX. See Tetrodotoxins (TTX)
- U
- Ultrastructural study, of degeneration and regeneration in
- [Ultrastructural study]
carbon disulfide neuropathy in rats, 1463-1474
- Uono, M., 1427-1434
- Urine
determination of tin in by neutron activation analysis, 1343-1353
- of shoe factory workers, neurotoxic metabolites of commercial hexane in, 1377-1385
- mass screening and confirmation of phencyclidine in, 85-90
- Uruguay, toxicology and clinical toxicology in, 635-641
- Utley, K. O., 317-352
- UV spectrophotometry. See Spectrophotometry, ultraviolet (UV)
- V
- Van Damme, M., 391-400
- Van Heijst, A. N. P., 1199-1211
- Van Thiel, D. H., 149-154
- Vaziri, N. D., 353-366; 417-423; 425-430
- Verbiese-Genard, N., 391-400
- Verpoosten, G. A., 127-131
- Vest, D. K., 573-579
- Veterinary preparations. See Barbiturate preparations, veterinary
- Vincent, F., 1519-1527
- Vincent, M., 1519-1527
- Vogel, S. N., 367-383
- W
- Walberg, C. B., 879-885
- Waldbott, G. L., 531-541
- Wang, L. H., 431-439
- Wasserman, G. S., 489-491
- Webb, D., 713-729
- Weber, M., 425-430
- Wecht, C. H., 261-266
- Weingarten, H. L., 959-963

INDEX TO VOLUME 18

Welders, exposure of to manganese, 407-416
Wells, W. D. E., 273-276
White, J. M., 945-957
Wiersema, S. J., 945-957
Willhite, C. C., 991-1003
Williams, J., 489-491
Wilson, A., 353-366
Winek, C. L., 261-266; 267-
 271
Wise, G. W., 489-491
Wolfson, N., 41-45
Workers
 extraction plant, effect of mercury on psychological behavior of, 1299-1309
 shoe factory, neurotoxic metabolites of commercial hexane in, 1377-1385
Wright, N., 169-173; 273-276

X

Xylazine, overdose of, report

[Xylazine]
 of in a human and review of toxicological properties of clonidine, phenothiazines and tricyclic antidepressants, 663-678

Y

Yago, L. S., 1015-1020
Yang, F. C., 317-352
Yeoman, W. B., 273-276

Z

Zelazowski, A. J., 1291-1298
Zilm, D. H., 549-563
Ziminski, K. R., 731-735
Zinc, organ and subcellular distribution of mercury in rats in the presence of, 1327-1334
Zootoxicology, marine, defined, 1-24

